

January 2007 Roadway CADD User's Group Meeting

Agenda:

Alternate Pipe Items (RCP, HDPE, Aluminum CSP Type IR) – A question was asked about all pipes being placed with RCP, including non live-load pipes. The Pipe Culvert Recommendations will recommend which pipes Hydraulics recommends, however the [Pipe Material Alternates memo from Len Sanderson on 02/24/06](#) supercedes the recommendation for non live-load pipes. Please make sure that non live-load pipes covered by Section 310 of the Standard Specifications are in the line item for pipe material alternates.

Jurisdictional Stream Changes - Streams will be first located by NEU for preliminary mapping in the wetland file. The stream will then be located (more accurately) by L&S and placed in the planimetric file once final surveys are turned in (before 4B meeting). An official letter is coming out soon regarding this issue. Roadway will look at how to address editing the .i file once the JS changes location.

Web Site (Archives, Q&A) - Showed everyone where on [Roadways web site](#) where they can find a list of all TIP projects that have been electronically archived thru IT. There are a lot of earlier projects that WERE NOT archived thru this method and there is nothing that IT can do if it is not on the list. Also asked everyone to remind users that they refer to the [Q&A page](#) before submitting requests for help. This page has a lot of information on troubleshooting issues and a lot of questions could be resolved by looking at this page. Since it is growing very fast, Roadway will look at some new methods to search to help reviewing all the answers on this page.

Changes in Photogrammetry files names and plotting – Photogrammetry has changed their naming conventions from “pln” to “ps”. More information on their naming conventions can be found on our web site under [Index → File Names \(Photogrammetry\)](#).

Change in Geotech X-sec's and earthwork input update status – We are currently finalizing final changes to importing Geotech's cross sections into ours. Two projects are being tested to make sure earthwork quantities run properly. Once these are finalized, a release with documentation informing every one of these changes will be distributed. Thanks to Jason T, Eddie D, Mike T, Steve B, and Garry L for all the hard, time consuming work they have put invested in this issue.

Hearing Map Training (May start date) – Roadway Design will start a training class on Hearing Maps (CADD side) in May. This will probably be a two-day class and a sign up will be passed around beforehand. This class will also be offered to the Divisions and can be audited if someone would just like to “sit in” the back and review.

Video Tutorials – All of our video tutorials including Powerpoint presentations and manuals are going to be moved to one location on our S: drive and linked thru our new database (mentioned below). These presentations if needed by Divisions or consultants will be available via FTS upon request.

New Submit forms database preview – A new database for submitting trouble shoot request is almost finished and ready for release. Once distributed, everyone will use a link to the database to submit troubleshoot request, view tutorials, and find links of interest. This database will help avoid confusion when submitting request and will also help automate your requests for RoadwaySupport.

Gore Area Calculations Program – Oak demonstrated the new Gore Area Calc. Program (GACP) being developed by Ross. This application is about 90% and should be ready for release by end of February. This program will read your shape and .gpk file in calculating your gore area's and hopefully standardize this computation. Look for details on the [WGO web page](#) for official release date.

Slope Stakes Criteria – Oak demonstrated a new way to include slope stake layouts while running your initial criteria run. The option will be defaulted off and users will have to “switch” it on in the subroutines.def file. Look for this option the next time you run criteria. More options will be added as time goes by also.

North Arrows – Oak has developed a VBA script that will automatically place the North arrow on all of your plan sheets automatically without rotating them. Project Engineers finalized where the new permanent location for the arrow and this application should be released by end of February. Look for details on the [WGO web page](#) for official release date.

SBG (Linestyles) - New Shoulder Berm Gutter linestyle "**Prop Conc Shoulder Berm Gutter**" created. If you have existing projects that have shoulder berm gutters being drafted on the old level, "**Prop SBG**", with three lines, do not change them to the new level which only has a single line. Changes to this new level will offset the location of the shoulder berm gutter to move 2'-4" toward the centerline if you choose to do so! Only use this new level on newer projects that do not have the existing Prop SBG levels.

Hearing Maps (final plots) – Discussed new procedures for final Hearing Map plotting. While this won't effect the users on the floor, final maps created for the Hearing will go thru Photogrammetry for plotting on a premium luster paper for longer shelf life and storage.

Pattern Lines – A shift to using pattern lines for cutting cross sections was discussed. Formal procedures are being developed but everyone should start getting use to using pattern lines over stations for cutting cross sections.